Amendments to the Claims

Please replace the Claims as shown below:

1. (currently amended) A method ~~of modifying a global electronic resource~~ comprising:

displaying a list of parameter identifiers and respective parameter values

associated therewith for use in a first electronic design project;

~~selecting~~ highlighting ~~the global electronic resource~~ via an input device ~~wherein~~

~~the global electronic resource is associated with a first programmable microcontroller~~

~~circuit~~ a parameter value of said respective parameter values that are displayed, said

parameter value corresponding to a parameter identifier of said list;

in response to said highlighting via said input device said parameter value,

displaying a plurality of possible parameter values which can be chosen for ~~the global~~

~~electronic resource in response to said selecting~~ said parameter identifier;

choosing one of the plurality of possible parameter values that are displayed as a

chosen parameter value for ~~the global electronic resource~~ said parameter identifier via

the input device; and

storing the chosen parameter value as a default global setting for use by a

second ~~programmable microcontroller circuit~~ electronic design project.

2. (currently amended) The method according to Claim 1 further comprising applying

the default global setting to the second ~~programmable microcontroller circuit~~ electronic

design project.

3. (currently amended) The method according to Claim 1 wherein said displaying the plurality of <u>possible</u> parameter values includes displaying a pop-up list that comprises the plurality of <u>possible</u> parameter values.

4. (currently amended) The method according to Claim 1 wherein said ~~displaying the plurality of parameter values includes displaying a window comprising the plurality of parameter values~~ <u>parameter identifier corresponds to a CPU clock speed or a sleep timer</u>.

5. (currently amended) The method according to Claim 1 wherein ~~the input device is a computer mouse, a track ball, or a touch-pad~~ <u>said parameter identifier corresponds to a phase lock loop mode</u>.

6. (currently amended) The method according to Claim 1 ~~further comprising propagating the chosen parameter value throughout said first programmable microcontroller circuit~~ <u>wherein said parameter identifier corresponds to a clock divider ratio or analog power</u>.

7. (currently amended) A method ~~of modifying a global electronic resource~~ comprising:
    <u>displaying a list of parameter identifiers and respective parameter values associated therewith for use in a first programmable microcontroller circuit;</u>

~~selecting~~ <u>highlighting</u> ~~a displayed value of the global electronic resource via an~~

~~input device wherein the global electronic resource is associated with a first~~

~~programmable microcontroller circuit~~ <u>a parameter value of said respective parameter</u>

<u>values that are displayed via an input device, said parameter value corresponding to a</u>

<u>parameter identifier of said list</u>;

    <u>in response to said highlighting said parameter value,</u> displaying a window

comprising a plurality of <u>possible</u> parameter values which can be selected for ~~the global~~

~~electronic resource in response to said selecting the displayed value~~ <u>said parameter</u>

<u>identifier</u>;

    selecting one of the plurality of <u>possible</u> parameter values as a selected

parameter value for the ~~global electronic resource~~ <u>parameter identifier</u> via the input

device; and

    storing the selected parameter value as a default global ~~electronic~~ setting for use

by a second programmable microcontroller circuit.

8. (currently amended) The method according to Claim 7 wherein ~~the input device~~

~~comprises a computer mouse~~ <u>the parameter identifier corresponds to a CPU clock</u>

<u>speed or analog power</u>.

9. (currently amended) The method according to Claim 7 wherein ~~the input device~~

~~comprises a track ball~~ <u>the parameter identifier corresponds to a phase lock loop mode</u>.

10. (currently amended) The method according to Claim 7 wherein ~~the input device comprises a touch-pad~~ the parameter identifier corresponds to a sleep timer.

11. (currently amended) The method according to Claim 7 wherein ~~the window comprises a pop-up list~~ the parameter identifier corresponds to a clock divider ratio.

12. (currently amended) A system ~~for selecting and using a current global parameter value~~ comprising:

a global resource menu configured to display ~~a value of a global electronic resource~~ a list of parameter identifiers and respective parameter values associated therewith for use in a first design project, and configured to display a plurality of ~~global~~ possible parameter values which can be chosen for ~~the global electronic resource~~ a parameter identifier of said list in response to ~~the value being selected~~ an input device highlighting a parameter value of said respective parameter values that are displayed, and configured to allow one of the plurality of ~~global~~ possible parameter values to be chosen as ~~the current global~~ a current parameter value for said parameter identifier;

a global resource parameter selector coupled to the global resource menu and configured to set the current ~~global~~ parameter value for an associated ~~electronic~~ hardware resource; and

a global resource database coupled to the global resource parameter selector for tracking a location within the associated ~~electronic~~ hardware resource and for storing

the current ~~global~~ parameter value as a default ~~global~~ setting for use ~~among a plurality~~

~~of programmable microcontroller circuits~~ in a second design project.

13. (currently amended) The system according to Claim 12 ~~further comprising an input~~

~~device connected to the global resource menu for choosing one of the plurality of global~~

~~parameter values~~ wherein said parameter identifier corresponds to a CPU clock speed

or a clock divider ratio.

14. (currently amended) The system according to ~~Claim 13~~ Claim 12 wherein ~~the input~~

~~device comprises a computer mouse~~ said parameter identifier corresponds to analog

power.

15. (currently amended) The method according to ~~Claim 13~~ Claim 12 wherein ~~the input~~

~~device comprises a track ball~~ said parameter identifier corresponds to a phase lock loop

mode.

16. (currently amended) The method according to ~~Claim 13~~ Claim 12 wherein ~~the input~~

~~device comprises a touch pad~~ said parameter identifier corresponds to a sleep timer.

17. (currently amended) In a design system for programming integrated circuits, a

method ~~of processing global electronic design resources~~ comprising:

displaying, in tabular form, a list of ~~global electronic design resources~~ parameter names and respective ~~global design~~ parameter values associated therewith for use in a first programmable ~~microcontroller~~ integrated circuit;

in response to a user ~~selection of~~ highlighting a ~~global electronic design resource~~ parameter value of said respective parameter values that are displayed, displaying a window comprising a plurality of possible values which can be selected for ~~said global electronic design resource~~ a parameter name of said list;

in response to a user selection of a value of said plurality of possible values, assigning ~~said global electronic design resource to~~ said value to said parameter name; and

in response to the user selection of the value, storing said value of said ~~global electronic design resource~~ parameter name to a default ~~global~~ setting for use in a second programmable ~~microcontroller~~ integrated circuit.

18. (currently amended) The method as described in Claim 17 ~~further comprising:~~

~~selecting said global electronic design resource; and~~

~~selecting said value~~ wherein said parameter name corresponds to a CPU clock speed or a clock divider ratio.

19. (currently amended) The method as described in ~~Claim 18~~ Claim 17 wherein said ~~selectings are performed using a cursor control device~~ wherein said parameter name corresponds to analog power.

20. (currently amended) The method as described in Claim 17 ~~further comprising:~~

~~updating a memory resident database comprising said global electronic design~~

~~resources parameter names and associated parameter values; and~~

~~propagating said global electronic design resources and associated parameter~~

~~values across the first programmable microcontroller circuit~~ <u>wherein said parameter</u>

<u>name corresponds to a phase lock loop mode</u>.

21. (currently amended) The method as described in Claim 17 wherein said ~~method~~

~~further comprising:~~

~~propagating said global electronic design resources and associated parameter~~

~~values across the first programmable microcontroller circuit~~ <u>parameter name</u>

<u>corresponds to a sleep timer</u>.

22. (currently amended) The method as described in ~~Claim 17~~ <u>Claim 21</u> wherein said

window comprises a pop-up list.

23. (currently amended) A design system for programming integrated circuits

comprising:

a processor coupled to a bus; and

a memory coupled to said processor, said memory containing instructions for implementing a method ~~of processing global electronic design resources, said method~~ comprising:

displaying, in tabular form, a list of ~~global electronic design resources~~ parameter identifiers and respective ~~global design~~ parameter values associated therewith for use in a first programmable ~~microcontroller~~ integrated circuit;

in response to a user ~~selection of~~ highlighting a ~~global electronic design resource~~ parameter value of said respective parameter values that are displayed, displaying a window comprising a plurality of possible values which can be ~~selected~~ chosen for ~~said global electronic design resource~~ a parameter identifier of said list;

in response to a user selection of a chosen value of said plurality of possible values, assigning ~~said global electronic design resource to~~ said chosen value to said parameter identifier; and

in response to the user selection of the chosen value, storing said chosen value of said ~~global electronic design resource~~ parameter identifier to a default ~~global~~ setting for use in a second programmable ~~microcontroller~~ integrated circuit.

24. (currently amended) The design system as described in Claim 23 wherein said ~~method further comprises:~~

~~selecting said global electronic design resource; and~~

~~selecting said value~~ parameter identifier corresponds to a CPU clock speed or a sleep timer.

25. (currently amended) The design system as described in ~~Claim 24~~ Claim 23 wherein said ~~selectings are performed using a cursor control device~~ parameter identifier corresponds to a phase lock loop mode.

26. (currently amended) The design system as described in Claim 23 wherein said ~~method further comprises:~~

~~updating a memory resident database comprising said global electronic design resources and associated parameter values~~ parameter identifier corresponds to analog power.

27. (currently amended) The design system as described in ~~Claim 26~~ Claim 23 wherein said ~~method further comprises:~~

~~propagating said global electronic design resources and associated parameter values across said first programmable microcontroller circuit~~ parameter identifier corresponds to a clock divider ratio.

28. (currently amended) The design system as described in ~~Claim 23~~ Claim 27 wherein said window comprises a pop-up list.